

Amendment under 37 CFR §1.111  
Application No. 10/501,813  
Attorney Docket No. 042393

**AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions of claims in the application.

1. (Previously presented) A method for forming a high-Re-content alloy film which contains Re at 98 % or more by atomic composition, said method comprising performing an electroplating process using an electroplating bath which contains an aqueous solution including:
  - a perrhenate ion in a concentration of 0.1 to 8.0 mol/L;
  - at least one ion selected from the group consisting of nickel, iron, cobalt and chromium (III) ions, in a total concentration of 0.005 to 2.0 mol/L;
  - at least one of a Li ion and a Na ion, in a total concentration of 0.0001 to 5.0 mol/L; and
  - at least one organic acid selected from the group consisting of carboxylic acid, hydroxycarboxylic acid and amino acid, in a concentration of greater than 5.0 to 15.0 equivalents to the concentration of all of said metal ions,wherein said electroplating bath has a pH of 0 to 8, and a temperature of 10 to 80°C.

2. (Original) The method as defined in claim 1, wherein said alloy film to be formed has a composition consisting of 98% or more, by atomic composition, of Re, with the remainder

Amendment under 37 CFR §1.111  
Application No. 10/501,813  
Attorney Docket No. 042393

being at least one selected from the group consisting of Ni, Co, Fe, Mn, Cr, Mo, W, Nb, Ta, Hf, Si, Al, Ti, Mg, Pt, Ir, Rh, Au, Ag, P, B, C, Y and Ce, and inevitable impurities.

3-5. (Cancelled)

6. (Currently amended) The method as defined in either one of ~~claims 1 to 3~~ claims 1 and 2, wherein said aqueous solution further includes at least one ion selected from the group consisting of potassium, rubidium, cesium, calcium, strontium and barium ions, wherein the total concentration of said at least one of lithium ion and sodium ion in said electroplating bath is greater than the total concentration of said at least one ion selected from the group consisting of potassium, rubidium, cesium, calcium, strontium and barium ions.

7. (Cancelled)